

## GUIDANCE DOCUMENT

## SEC III—IL—TECHNICAL GUIDE Guidance Documents—Urban

**Identified problems:** Runoff causing sediment and erosion from newly developing sites. Sediment is accumulating in detention ponds, streets, and storm sewers. Nearby creek is being effected reducing carrying capacity and water quality.

### **Resource Setting**

CRA-A-MLRA-110

**Soils:** Elliott 146-A

**Land use:** Urban

**Applied practices:** None

RESOURCE CONCERNS	SOIL									
	Erosion				Condition				Deposition	
	Sheet & Rill	Classic Gully	Streambank	Roadbanks Construction Sites	Compaction	Excess Chemicals	Excess Fertilizer	Excess Pesticides	Onsite Damage	Offsite Damage
<b>RMS Practices</b>										
<b>Alt. #1</b>										
835 Urban Filter Strip	Sig	SI+	Mod+	SI+	Mod+	0	0	0	Mod+	SI+
840 Grass Lined Channels	0	Mod+	SI+	SI+	N/A	0	0	0	SI+	SI+
875 Mulching	Mod+	SI+	0	Mod+	SI+	SI+	0	0	Mod+	Mod+
880 Permanent Seeding	Mod+	Mod+	SI+	Sig+	Mod+	SI+	0	0	Mod+	Mod+
935 Straw Bale Barrier	0	N/A	N/A	Mod+	N/A	N/A	N/A	N/A	Mod+	Mod+
985 Tree & Shrub Planting	Mod+	SI+	SI+	Mod+	Mod+	0	SI+	Mod+	SI+	SI+

## GUIDANCE DOCUMENT (continued)

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**Applied practices:** None

RESOURCE CONCERNS	WATER						AIR			
	Quantity		Quality				Quality		Condition	
	Runoff/Ponding Excess Amounts	Poor Soil Drainage Excess Amounts	Pesticides	Nutrients & Organics	Salt	Heavy Metals	Airborne Odors	Fungus, Molds, Pollen	Air Temperature	Air Movement
<b>RMS Practices</b>										
<b>Alt. #1</b>										
835 Urban Filter Strip	N/A	N/A	SI+	SI+	SI+	SI+	0	SI-	SI+	SI+
840 Grass Lined Channels	Mod+	N/A	SI+	SI+	0	0	N/A	SI-	N/A	0
875 Mulching	SI-	SI-	Mod+	Mod+	Mod+	Mod+	0	0	SI-	0
880 Permanent Seeding	SI+	SI-	SI+	SI+	SI+	Mod+	N/A	0	SI+	0
935 Straw Bale Barrier	0	0	SI+	SI+	0	SI+	N/A	0	N/A	N/A
985 Tree & Shrub Planting	SI+	Mod+	SI+	SI+	SI+	SI+	0	SI-	SI+	Mod+